

Title (en)

METHOD FOR OBTAINING A FLOOR COVERING AND PRODUCT THUS OBTAINED

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BODENBELAGES UND SO HERGESTELLTES PRODUKT

Title (fr)

PROCEDE D'OBTENTION D'UN REVETEMENT DE SOL ET PRODUIT OBTENU

Publication

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Application

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Abstract (en)

[origin: WO9710287A1] A method for obtaining a floor covering comprising one or more resilient polymer substrates coated with a protective layer is described, wherein said layer contains one or more amorphous inorganic components and has a Vickers hardness of more than 1 GPa and a modulus of elasticity (Young's modulus) of less than 80 GPa, using a delayed cold plasma that induces a decomposition reaction of a volatile precursor compound so that a thin film of said amorphous inorganic component is formed on said substrate. A floor covering comprising one or more resilient polymer substrates obtained by the method of the invention is also described, wherein the substrate is coated with a protective layer containing one or more amorphous inorganic components and with a Vickers harness of more than 1 GPa and a modulus of elasticity (Young's modulus) of less than 80 GPa.

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